

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.  
P-4498C1

In Re Application Of: ALCHAS

31036 U.S. PTO  
09/09/95

10/03/01

Serial No.

Filing Date

Examiner

Group Art Unit

Title:

INTRADERMAL DELIVERY DEVICE INCLUDING A NEEDLE ASSEMBLY

6.8.01  
P.4  
#2

Address to:

Assistant Commissioner for Patents  
Washington, D.C. 20231**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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J1036 U.S. PRO  
09/825395  
04/03/01**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_) on \_\_\_\_\_ (Date)

Signature

Typed or Printed Name of Person Signing Certificate


**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

\*This certificate may only be used if paying by deposit account.

  
Signature

Dated: April 2, 2001

Allen W. Wark, Reg. No. 30,503  
Becton, Dickinson and Company  
1 Becton Drive  
Franklin Lakes, New Jersey 07417-1880  
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EXPRESS MAIL EL438508093US

CC:

~~Receipt date: 04/03/2001~~

ATTY DOCKET NO.  
P-4498C1

~~SERIAL NO 95 - GAU: 3763~~

## INFORMATION DISCLOSURE CITATION

*(Use several sheets if necessary)*

# ALCHAS

FILING

GROUP

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

			Article: MONOGRAPHS OF THE PHYSIOLOGICAL SOCIETY NO. 12: SUBSTANCES PRODUCING PAIN AND ITCH by C. A. Keele and D. Armstrong Pub: The Williams & Wilkins Company (1964)

**EXAMINER**

/Manuel Mendez/

DATE CONSIDERED

09/14/2008

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Receipt date: 04/03/2001

ATTY DOCKET NO.  
P-4498C1

SERIAL NO. 02825395 - GAU. 3763

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ALCHAS

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GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		Article: INTRADERMAL GENE IMMUNIZATION: THE POSSIBLE ROLE OF DNA UPTAKE IN THE INDUCTION OF CELLULAR IMMUNITY TO VIRUSES by: Eyal Raz et al.
		Article: CLINICAL DO's & DON'TS. - GIVING INTRADERMAL INJECTIONS by Edwina McConnell, RN, PhD

EXAMINER /Manuel Mendez/	DATE CONSIDERED 09/14/2008
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(Use several sheets if necessary)

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P-4498C1

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,873,856	2/23/99	HJERTMAN ET AL.	604	117	
	5,417,662	5/23/95	HJERMAN ET AL.	604	117	
	4,883,573	11/28/89	THOMAS			
	4,955,871	9/11/90	THOMAS			
	5,222,949	6/29/93	KALDANY			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	GB 2 206 794 A		UNITED KINGDOM				
	DE 41 27 887 C1		GERMANY				✓
	2000-37456	2/8/00	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Article: INJECTION TECHNIQUE INTRADERMAL
		Article: THE DENDRITIC CELL SYSTEM AND ITS ROLE IN IMMUNOGENICITY by Ralph Steinman

EXAMINER

/Manuel Mendez/

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U.S. PTO  
09/825395  
04/03/01**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,934,046	11/7/33	DEMARCHI	128	215	3/24/32
	2,876,770	3/10/59	WHITE	128	215	10/10/55
	3,400,715	9/10/68	PEDERSON	128	215	1/4/66
	4,769,003	9/6/88	STAMLER	604	39	8/19/87
	4,898,588	2/6/90	ROBERTS	604	187	10/17/88
	4,978,344	12/18/90	DOMBROWSKI ET AL.	604	198	12/27/88
	5,578,014	11/26/96	EREZ ET AL.	604	192	
	5,921,963	7/13/99	EREZ ET AL.	604	192	8/26/96
	6,200,291 B1	3/13/01	DI PIETRO	604	117	
	5,190,521	3/2/93	HUBBARD ET AL.	604	51	
	4,373,526	3/15/83	KING	604	117	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	FR 612 401 A1		FRANCE				✓
	WO 95/01198		PCT			✓	
	WO 99/27986		PCT				✓
	WO 99/34850		PCT			✓	
	EP 0 904 790 A2		EPO			✓	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		Article: DERMAL IMMUNE SYSTEM by Brian J. Nickoloff, MD, PhD
		Article: TRIALS OF INTRADERMAL HEPATITIS B VACCINES IN GAMBIAN CHILDREN by Whittle, Lam, Ryder

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